

METHOD AND SYSTEM FOR DATA MINING AUTOMATION  
IN DOMAIN-SPECIFIC ANALYTIC APPLICATIONS

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ABSTRACT

Automated data mining using domain-specific analytic applications for solving predefined  
10 problems, including populating input data schema, the input data schema having a format  
appropriate to solution of a predefined problem. Production training a predefined data  
mining model to produce a trained data mining model, the predefined data mining model  
comprising a predefined data mining model definition, production training having an  
output of a knowledge base. Executing a preselected data mining algorithm in production  
15 training mode. Production scoring input data from the input data schema. The method  
typically includes scheduling the steps of populating input data schema, production  
training, and production scoring. Typically the analytic application includes predefined  
problems, predefined data mining algorithms, predefined data schema, and at least one  
predefined data mining model definition.

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